CAMBRIA

December 23, 2003

Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

Re: **Baseline Investigation Report**
Chevron Station #9-3283
3005 Grove Way
Castro Valley, California
Cambria Project No. 41D-2024

Dear Ms. Streich:

On behalf of Chevron Products Company (Chevron), Cambria Environmental Technology, Inc. (Cambria) submits the results of a baseline investigation at the site referenced above, including a comprehensive site summary. Cambria advanced six borings to characterize subsurface conditions prior to divestment of the property. The scope of work was outlined in Cambria's *Baseline Investigation Workplan,* dated October 24, 2003. Presented below are site description details and investigation results.

SITE DESCRIPTION

The site is located at the southeast corner of the Grove Way and Center Street intersection in a commercial and residential area of Castro Valley, California (Figure 1). The site elevation is approximately 210 feet (ft) above mean sea level and the topography slopes gently to the south and southeast. The nearest surface water is San Lorenzo Creek, which is located approximately 900 feet southeast of the site. Chevron owns the property and has operated a service station there since 1969. Incomplete Chevron records have not defined the age or whether the underground storage tanks (USTs) in use at the site are double- or single-walled fiberglass.

The site is located within the Castro Valley groundwater basin in a valley between ridges of the Diablo Range. Regionally, the unconfined water-bearing zone lies within unconsolidated alluvial sediments and exhibits a generally southwestward flow direction toward San Francisco Bay. These water-bearing sediments overlie the sedimentary Chico Formation, considered a non-water-bearing formation based on its historically poor groundwater yields.

Cambria Environmental Technology, Inc.

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Current site features consist of a station building, three fiberglass USTs and associated piping and two dispenser islands beneath a common canopy. The former used-oil UST was located to the east of the current station building.

SITE BACKGROUND

1990 Product Line Replacement: Written correspondence between Chevron and the property owner indicated that the product lines were removed and replaced in August 1990. The letter indicates that some hydrocarbon impacts were noted beneath one of the product lines. This soil was removed and disposed of offsite, with laboratory analytic results indicating that the majority of impacted soil had been removed and residual concentrations were below regulatory action levels. These activities were documented in a report from Blaine Tech Services, dated January 15, 1991. However, no copy of that report has been located in Chevron's files.

January 1991 Hoist Removal and Replacement: The same correspondence referenced above indicates that the hydraulic hoists were replaced in January 1991. Approximately four yards of impacted soil was removed at that time. This information was summarized in a report by Groundwater Technology Inc, dated February 13, 1991. Again, no copy of this report was located in Chevron's files.

1996 Used-Oil UST, Hydraulic Hoist and O/W Separator Removal: In April 1996, a 1,000 gallon used-oil UST, three hoists and a concrete oil/water (O/W) separator were removed from the site. A soil sample was collected beneath each hoist, beneath the O/W separator and two samples from beneath the used-oil UST. Analytic results of the two samples collected beneath the UST showed maximum hydrocarbon concentrations of 1.6 parts-per-million (ppm) total petroleum hydrocarbons as diesel (TPHd). No other hydrocarbons were detected beneath the UST. The soil sample collected beneath the center hoist contained 400 ppm TPH-hydraulic oil. As hydraulic oil is not a regulated compound, no additional excavation of this was conducted. The soil sample collected beneath the O/W separator contained 2,100 ppm total petroleum hydrocarbons as gasoline (TPHg), 3,200 ppm TPHd and 2,700 ppm total recoverable petroleum hydrocarbons (TRPH) (defined as oil and grease). These concentrations warranted overexcavation of impacted soil. On April 19 and 24, 1996, the area beneath the O/W separator was excavated and five confirmation samples were collected. Analysis of these samples showed maximum residual concentrations of 34 ppm TPHd and 290 ppm TRPH at 7 feet below grade (fbg) and ND at 9 fbg. A total of approximately 80 cubic yards of pea gravel and excavated soil were transported and disposed of offsite. An August 1996 letter from Alameda Health Care Services Agency stated that, "the 1,000-gallon used-oil tank was closed in compliance with Title 23 of the California Code of Regulations."

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INVESTIGATION RESULTS

Per our approved workplan, Cambria advanced borings B1 through B6 to depths of between 30.5 and 55 fbg at the locations shown on Figure 2. The investigation findings are presented below. The boring logs are presented as Attachment A. The laboratory analytic report for soil and groundwater is presented as Attachment B. A copy of the Alameda County Public Works Agency (ACPWA) drilling permit is presented as Attachment C.

Borings Installation

Personnel Present: Cambria Staff Scientist Melissa Terry conducted fieldwork under the direction of California Registered Geologist Robert Foss R.G., #7445.

Permits: ACPWA permit #W03-1016.

Drilling Company: Woodward Drilling of Rio Vista, California, C57 No. 710079.

Drilling Dates: November 19, 20, and 21, 2003.

Drilling Method: Drill rig equipped with a hollow stem auger.

Sampling Technique: The borings were vacuum cleared to eight fbg per Chevron safety protocol. Soil samples for analysis were collected using stainless steel tubes driven into undisturbed sediments. Grab groundwater samples were collected using clean, plastic, disposable bailers. All samples were properly sealed, logged on a chain-of-custody form, preserved on ice, and released to the laboratory for analysis.

Soil Disposal: Soil cuttings generated during this investigation were stockpiled in the northeast corner of the site, covered with plastic and sampled for disposal profiling. Integrated Waste Management of Milpitas, California transported the soil cuttings to an appropriate Chevron-approved landfill for disposal.

Site Lithology: The site is primarily underlain by silt and clayey silt, with lesser amounts of sand and gravel. Groundwater occurs primarily within dense clayey silt with interbedded sand and gravelly silt. A very hard layer of dry, yellow clayey silt was encountered in all borings at depths ranging between 36 fbg and 41 fbg across the site. This is interpreted as siltstone bedrock beneath the site.

Groundwater Depth: During this investigation, groundwater was encountered at depths ranging from 35 to 40 fbg.

Laboratory Analyses: Selected soil and grab groundwater samples were analyzed for:

- Total Petroleum Hydrocarbons as gasoline (TPHg) by EPA Method 8015M;
- Benzene, toluene, ethylbenzene and xylene (BTEX) and methyl tert butyl ether (MTBE) by EPA Method 8260B.

SOIL ANALYTIC RESULTS

No TPHg, BTEX, or MTBE were detected in any of the soil samples analyzed.

GROUNDWATER ANALYTIC RESULTS

No TPHg or xylenes were detected in any of the groundwater samples analyzed. Low concentrations of benzene were detected in groundwater samples collected from B1 (1.0 µg/l) and B2 (3.0 µg/l). MTBE was detected in the groundwater sample collected from B1 (9.0 µg/l) and B2 (13.0 µg/l). No hydrocarbons were detected in groundwater samples collected from B3, B4 or B5.

CONCLUSION

No TPHg, BTEX and MTBE were detected in any soil samples collected during this investigation. Groundwater samples from borings adjacent to the USTs contained only minor concentrations of BTEX and MTBE. The very low concentrations of analytes observed in groundwater in B1 and B2 do not indicate a recent release of petroleum hydrocarbons. The slight concentrations of hydrocarbon constituents detected during this investigation may be a result of minor releases having occurred during normal operations over the history of the site.

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CLOSING

Based on the results of this baseline investigation, it appears that no significant impact to soil or groundwater has occurred at this site. The concentrations of analytes detected in groundwater from B1 and B2 are very slight and do not require further investigation or remediation.

Cambria appreciates the opportunity to provide environmental services for you on this project. Please contact Robert Foss at (510) 420-3348 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Melissa Terry
Staff Scientist

Robert Foss, R.G. #7445
Senior Project Geologist

REGISTERED GEOLOGIST
ROBERT C. FOSS
exp 08/04
No. 7445
STATE OF CALIFORNIA

Figures: 1 - Vicinity Map
2 - Site Plan

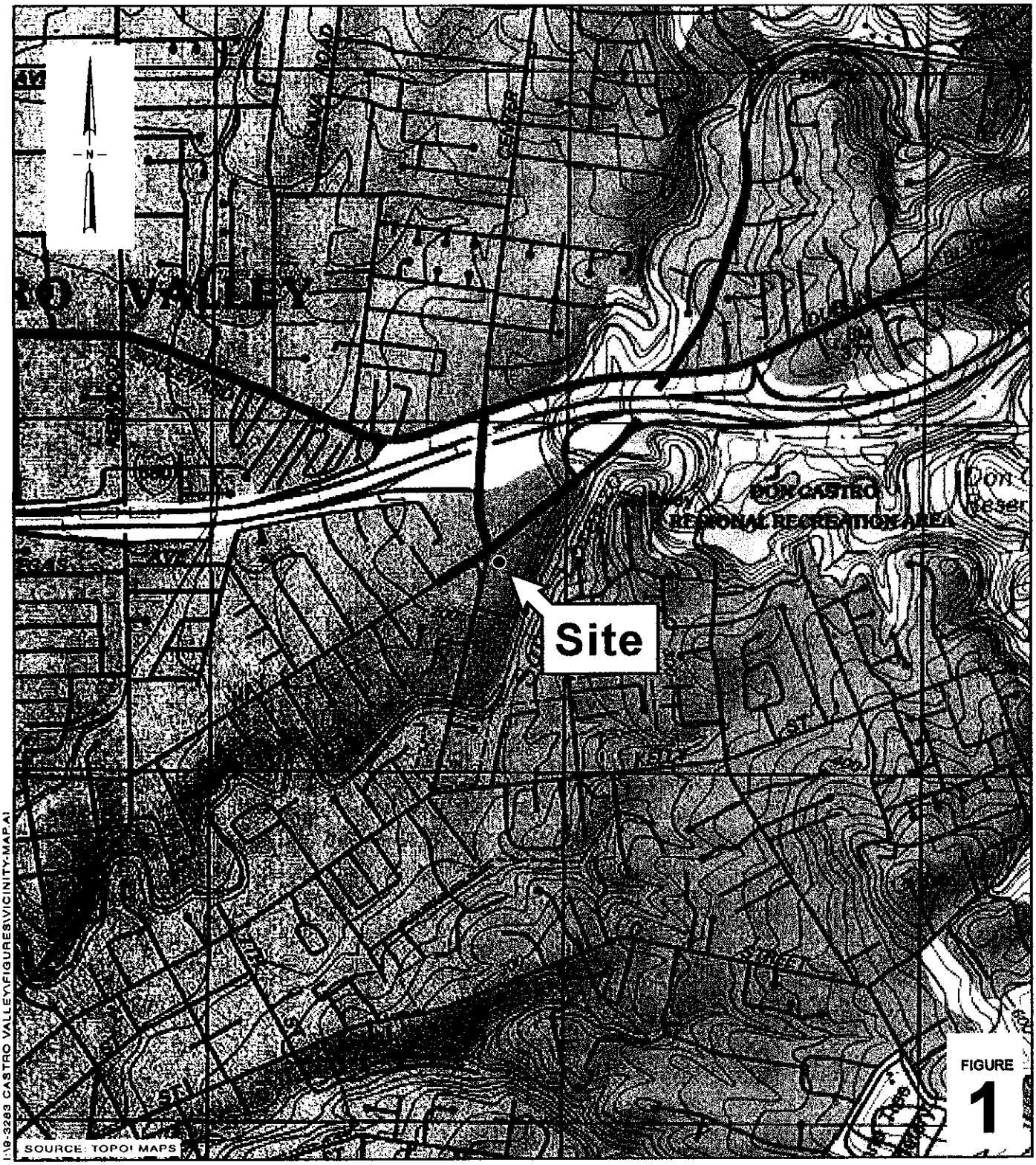
Table: 1 - Analytic Results for Soil Samples
2 - Analytic Results for Groundwater Samples

Attachments: A - Boring Logs
B - Laboratory Analytic Reports
C - Alameda County Public Works Agency Drilling Permit

cc: Ms. Eva Chu, Alameda County Health Care Services, Dept of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda CA, 94502-6577

I:\9-3283 Castro Valley\Baseline Investigation Report.doc

11/21/03



I:\9-3283 CASTRO VALLEY\FIGURES\VICINITY-MAP.AI

FIGURE
1

Chevron Service Station 9-3283

3005 Grove Way

Castro Valley, California

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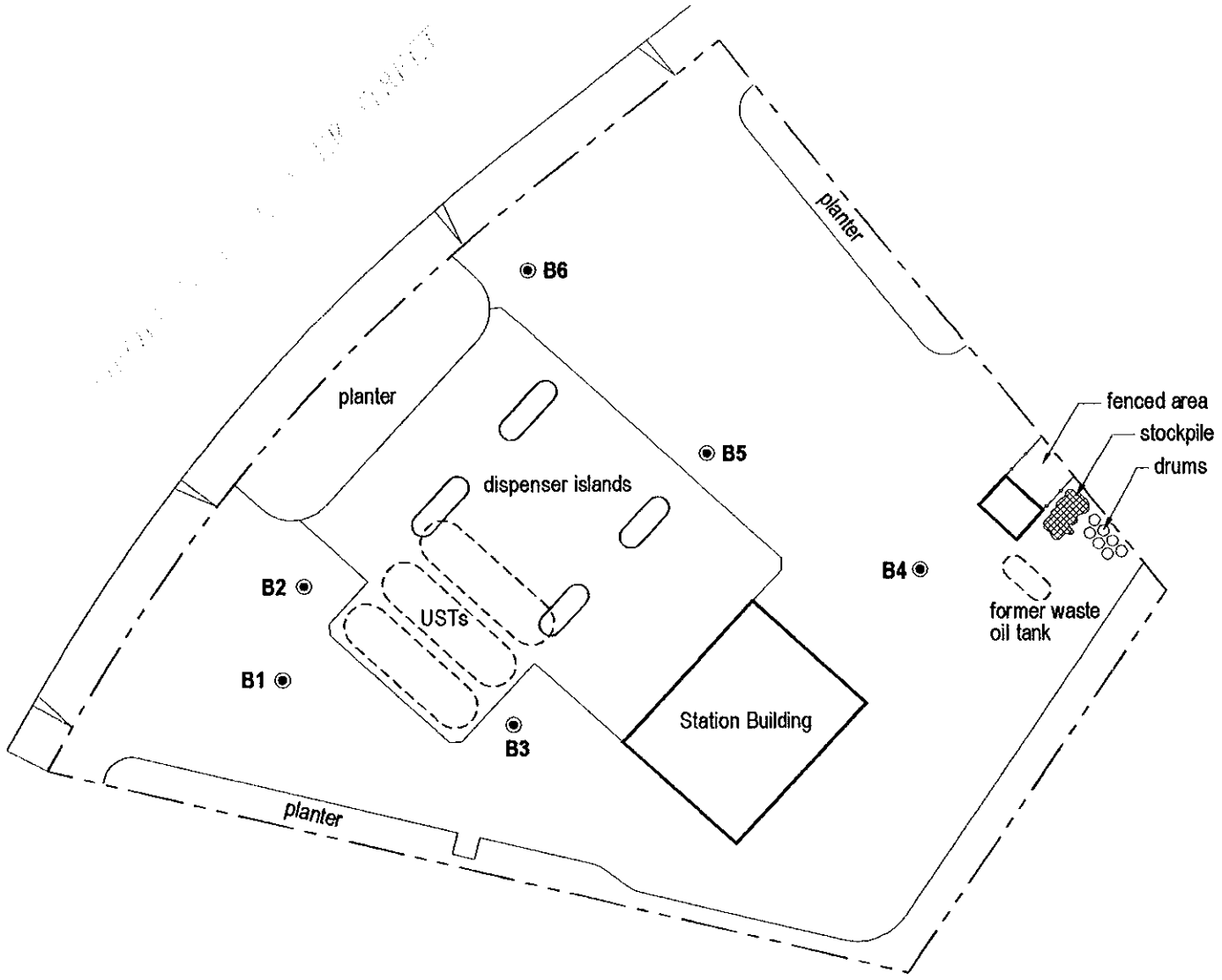
Vicinity Map



EXPLANATION

B1 ◉ Soil boring location

N

0 15 30

Scale (ft)

FIGURE

2

Chevron Service Station 9-3283

3005 Grove Way

Castro Valley, California

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Site Plan

I:\9-3283 CASTRO VALLEY\FIGURES\SITEPLAN.DWG

Table 1. Analytic Results for Soil Samples - Chevron Station 9-3283, 3005 Grove Way, Castro Valley, CA

Sample ID	Sample Depth (ft)	Sample Date	TPHg	B	T	E	X	MTBE
			Concentrations reported in milligrams per kilogram - mg/kg = parts per million					
B1	16	11/19/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B1	20.5	11/19/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B1	30.5	11/19/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B1	50	11/19/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B2	15.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B2	20.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B2	31	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B2	41	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B2	46	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B3	15.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B3	21	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B3	30.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B3	36	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B4	10.5	11/20/2003	<10.0	<0.001	<0.001	<0.001	<0.001	<0.001
B4	16	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B4	20.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B4	30.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B5	11	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B5	21	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B5	26	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B5	30.5	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B6	11	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B6	21	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B6	31	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B

Methyl tertiary butyl ether (MTBE) by EPA Method 8260B

<x = Not detected above method detection limit

Table 2. Analytic Results for Groundwater Samples - Chevron Station 9-3283, 3005 Grove Way, Castro Valley, CA

Sample ID	Sample Date	TPHg	B	T	E	X	MTBE
		Concentrations reported in micrograms per liter - µg/l = parts per billion					
B1 @ 45'	11/20/2003	<50	1	<0.5	<0.5	<0.5	9
B2 @ 45'	11/20/2003	<50	3	2	<0.5	0.8	13
B3 @ 55'	11/20/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5
B4 @ 36'	11/20/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5
B5 @ 31'	11/20/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B

Methyl tertiary butyl ether (MTBE) by EPA Method 8260B

<x = Not detected above method detection limit

ATTACHMENT A

Boring Logs

Cambria Environmental Technology, Inc.
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Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B1
JOB/SITE NAME	9-3283	**DRILLING STARTED**	19-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	19-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25"	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	45.0 fbg (20-Nov-03)
REVIEWED BY	B. Foss RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			Cleared to 8 fbg with water knife.	8.0	
0	8 10 12	B1@10 .5		10	ML		**Clayey SILT** : Brownish orange; moist; moderately stiff; 70% silt, 25% clay, 5% sand; low plasticity; moderate estimated permeability.	10.0 11.5	
0	10 11 12	B1@16		15	ML		**Clayey SILT** : Light brownish orange; dry; moderately stiff; 65% silt, 20% clay, 15% sand; low plasticity; moderate estimated permeability.	15.5 17.0	
0	11 12 14	B1@20 .5		20	ML		**Clayey SILT** : Light brownish orange; dry; moderately stiff; 65% silt, 20% clay, 15% sand; low plasticity; moderate estimated permeability.	20.0 21.5	
0	6 8 12	B1@25 .5		25	SM		**Silty SAND** : Orange brown; dry; very loose; 50% silt, 50% sand; no plasticity; moderate to high estimated permeability.	25.0 26.5	◄ Portland Type I/II
0	15 20 25	B1@30 .5		30	ML		**Clayey SILT** : Orange brown; dry; moderately soft; 60% silt, 20% clay, 10% sand, 10% gravel; no plasticity; moderate estimated permeability.	30.0 31.5	
				35				35.0	

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B1
JOB/SITE NAME	9-3283	**DRILLING STARTED**	19-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	19-Nov-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0	50/5"	B1@35 .5			ML		**Clayey SILT** : Light yellow brown; dry and powdery; very stiff; 50% silt, 40% clay, 10% sand; low to moderate plasticity; low estimated permeability.	36.5	
	50/3"			40			Interpreted as Siltstone BEDROCK.	40.0	
								41.5	
	50/2"			45			▽	46.0	
							Interpreted as Siltstone BEDROCK.	47.5	
								49.5	
0	50/2"	B1@50		50			Same as above.	50.0	Bottom of Boring @ 50 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B2
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25"	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	45.0 fbg (20-Nov-03)
REVIEWED BY	B. Foss RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			Cleared to 8 fbg with water knife.		
				5				8.0	
0	5 5 9	B2@10 .5		10	ML		**Clayey SILT** : Brownish orange; moist; moderately stiff; 80% silt, 15% clay, 5% sand; low plasticity; moderate estimated permeability.	10.0 11.5	
0	8 8 10	B2@15 .5		15	ML		**Sandy SILT** : Dark brownish orange; dry; moderately stiff; 70% silt, 15% clay, 15% sand; low plasticity; moderate estimated permeability.	15.5 17.0	
0	7 7 8	B2@20 .5		20	ML		**Sandy SILT** : Brownish orange; dry; moderately stiff; 70% silt, 20% sand, 10% clay; low plasticity; moderate estimated permeability.	20.0 21.5	
0	9 9 13	B2@25 .5		25	ML		**Sandy SILT** : Orangish brown; dry; very loose; 50% silt, 40% sand, 10% clay; no plasticity; moderate to high estimated permeability.	25.0 26.5	Portland Type I/II
0	39 50	B2@31		30	ML		**Clayey SILT w/gravel**: Dark brown; moist; loose; 40% silt, 20% clay, 20% sand, 20% gravel; no plasticity; moderate estimated permeability.	30.0 31.5	
				35				35.0	

Continued Next Page

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B2
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
0	50	B2@36		ML	**Clayey SILT** : Lt. Yellow brown; dry; very stiff; 60% silt, 25% clay, 10% gravel, 5% sand; low plasticity; moderate estimated permeability.	36.5
			40			40.0
0	50	B2@41		ML	**Clayey SILT** : Light yellow brown; dry and powdery; very stiff; 40% silt, 40% clay, 10% sand, 10% gravel; low to moderate plasticity; moderate estimated permeability.	41.5
			45		▽	
0	50	B2@46			Interpreted as Siltstone BEDROCK.	46.0
						47.5
			50			50.0
	50	B2@51			Interpreted as Siltstone BEDROCK.	51.0

WELL DIAGRAM: Bottom of Boring @ 51 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINTB1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B3
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25"	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	55.0 fbg (20-Nov-03)
REVIEWED BY	B. Foss RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			Cleared to 8 fbg with water knife.		
				5				8.0	
0	9 9 12	B3@10 .5		10	ML		**Gravelly SILT**: Brown; dry; moderately loose; 60% silt, 30% gravel, 10% sand; low plasticity; moderate estimated permeability.	10.0 11.5	
0	32 50	B3@15 .5		15	ML		**Sandy SILT**: Dark brown; dry; moderately stiff; 40% silt, 30% gravel, 20% sand, 10% clay; low plasticity; moderate estimated permeability.	15.5 17.0	
0	26 50	B3@21		20	ML		**Clayey SILT**: Dark orange; dry; moderately stiff; 60% silt, 30% clay, 10% sand; moderate plasticity; moderate estimated permeability.	20.0 21.5	
0	11 17 20	B3@25 .5		25	ML		**Clayey SILT**: Dark orange; dry; moderately stiff; 60% silt, 20% clay, 15% sand, 5% gravel; low plasticity; moderate estimated permeability.	25.0 26.5	Portland Type I/II
0	39 50	B3@30 .5		30	ML		**Sandy SILT**: Dark brown; moist; loose; 40% silt, 30% clay, 15% sand, 15% gravel; no plasticity; moderate estimated permeability.	30.0 31.5	
				35				35.0	

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B3
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Interpreted as Siltstone BEDROCK.		
0	50	B3@36						36.5	
				40				40.0	
							Interpreted as Siltstone BEDROCK.		
0	50	B3@41						41.5	
				45					
0	50	B3@46					Same as above.	46.0	
								47.5	
				50					
		B3@51					Same as above.	50.5	
								52.0	
								54.5	
				55			Same as above. ▽	55.0	Bottom of Boring @ 55 ft

WELL LOG (PID): I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B4
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25"	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	30.5 fbg (20-Nov-03) ▽
REVIEWED BY	B. Foss RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			Cleared to 8 fbg with water knife.	8.0	
0	5 5 5	B4@10 .5		10	ML		**Clayey SILT** : Light brown; moist; moderately soft; 80% silt, 15% clay, 5% sand; low plasticity; moderate estimated permeability.	10.0 11.5	
	50	B4@16		15			Only one sample tube recovered; very rocky.	15.0 16.5	Portland Type I/II
0	10 10 10	B4@20 .5		20	ML		**Sandy SILT** : Brownish orange; dry; moderately stiff; 60% silt, 20% sand, 15% clay, 5% gravel; no plasticity; moderate estimated permeability.	20.0 21.5	
0	28 50	B4@25 .5		25	ML		**Sandy SILT** : Orangish brown; dry; moderately loose; 65% silt, 20% sand, 10% gravel, 5% clay; no plasticity; moderate to high estimated permeability.	25.0 26.5	
0		B4@30 .5		30	ML		**Clayey SILT** : Brownish yellow; wet; moderately loose; ▽ 60% silt, 30% clay, 5% sand, 5% gravel; low plasticity; moderate estimated permeability.	30.0 31.5	
				35				35.0	

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

Continued Next Page

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B4
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
		B4@36			CL		**Silty CLAY** : Light yellow; dry; very stiff; 60% clay, 35% silt, 5% sand; low plasticity; moderate estimated permeability.	36.0	Bottom of Boring @ 36 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B5
JOB/SITE NAME	9-3283	**DRILLING STARTED**	21-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	21-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25"	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	30.5 fbg (21-Nov-03)
REVIEWED BY	B. Foss, RG # 7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			Cleared to 8 fbg with water knife.		
				5				8.0	
0		B5@11		10	ML		**Clayey SILT**: Light brown; dry; moderately firm; 90% silt, 5% clay, 5% sand; low plasticity; moderate estimated permeability.	10.0 11.5	
0	7 8 12	B5@16		15	ML		**Sandy SILT**: Brownish orange; dry; moderately firm; 80% silt, 15% sand, 5% clay; low plasticity; moderate estimated permeability.	15.5 17.0	Portland Type I/II
0	5 7 11	B5@21		20	ML		**Sandy SILT**: Brownish orange; dry; moderately firm; 80% silt, 15% sand, 5% clay; low plasticity; moderate estimated permeability.	20.0 21.5	
	9 9 13	B5@26		25	ML		**Sandy SILT**: Dark orange; moderately moist; moderately loose; 70% silt, 20% sand, 10% clay; no plasticity; moderate to high estimated permeability.	25.0 26.5	
0	11 19 28	B5@30 .5		30	SP		**Gravelly SAND**: Brownish orange; wet; loose; 50% sand, 30% gravel, 15% silt, 5% clay; no plasticity; moderate estimated permeability.	30.0 31.0	Bottom of Boring @ 31 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B6
JOB/SITE NAME	9-3283	**DRILLING STARTED**	21-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	21-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	31.0 fbg (21-Nov-03) ▽
REVIEWED BY	B. Foss, RG # 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				5			Cleared to 8 fbg with water knife.	8.0	
0		B6@11		10	ML		**Sandy SILT** : Brownish orange; dry; moderately soft; 85% silt, 15% sand; no plasticity; moderate estimated permeability.	10.0 11.5	
	11 11 13	B6@16		15	SM		**Silty SAND** : Brownish orange; dry; very loose; 90% sand, 10% silt; no plasticity; high estimated permeability.	15.5 17.0	
0	4 4 6	B6@21		20	ML		**Sandy SILT** : Light brown; dry; moderately loose; 70% silt, 15% sand, 15% clay; low plasticity; moderate estimated permeability.	20.0 21.5	
	9 18 24	B6@26		25	ML		**Sandy SILT** : Light brown; dry; moderately loose; 70% silt, 20% sand, 10% clay; low plasticity; moderate estimated permeability.	25.0 26.5	
0	45 50	B6@31		30	ML		**Clayey SILT** : Brown; wet; moderately dense; 55% silt, 25% clay, 15% sand, 5% gravel; moderate plasticity; moderate estimated permeability. ▽	30.0 31.5	
				35				35.0	Portland Type I/II

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

Continued Next Page

Cambria Environmental Technology, Inc.
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Emeryville, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B6
JOB/SITE NAME	9-3283	**DRILLING STARTED**	21-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	21-Nov-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
	50	B6@36			ML		Same as above.	36.0	Bottom of Boring @ 36 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

ATTACHMENT B

Laboratory Analytic Report

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 876323. Samples arrived at the laboratory on Tuesday, November 25, 2003. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
B-1-S-16-031119	NA	Soil	4172064
B-1-S-20.5-031119	NA	Soil	4172065
B-1-S-30.5-031119	NA	Soil	4172066
B-1-S-50-031119	NA	Soil	4172067
B-2-S-15.5-031120	NA	Soil	4172068
B-2-S-20.5-031120	NA	Soil	4172069
B-2-S-31-031120	NA	Soil	4172070
B-2-S-41-031120	NA	Soil	4172071
B-2-S-46-031120	NA	Soil	4172072
B-3-S-15.5-031120	NA	Soil	4172073
B-3-S-21-031120	NA	Soil	4172074
B-3-S-30.5-031120	NA	Soil	4172075
B-3-S-36-031120	NA	Soil	4172076
B-4-S-10.5-031120	NA	Soil	4172077
B-4-S-16-031120	NA	Soil	4172078
B-4-S-20.5-031120	NA	Soil	4172079
B-4-S-30.5-031120	NA	Soil	4172080
B-5-S-11-031121	NA	Soil	4172081
B-5-S-21-031121	NA	Soil	4172082
B-5-S-26-031121	NA	Soil	4172083
B-5-S-30.5-031121	NA	Soil	4172084
B-6-S-11-031121	NA	Soil	4172085
B-6-S-21-031121	NA	Soil	4172086
B-6-S-31-031121	NA	Soil	4172087
B-1-W-45-031120	Grab	Water	4172088
B-2-W-45-031120	Grab	Water	4172089
B-3-W-55-031120	Grab	Water	4172090
B-4-W-36-031120	Grab	Water	4172091
B-5-W-31-031120	Grab	Water	4172092

Lancaster Laboratories
2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting laboratory data:

N.D.	none detected	BMQL	below minimum quantification level
TNTC	too numerous to count	MPN	most probable number
IU	international units	CP Units	cobalt-platinum color units
umhos/cm	micromhos per centimeter	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound
g	gram	kg	kilogram
ug	microgram	mg	milligram
ml	milliliter	l	liter(s)
m3	cubic meter	ul	microliter

< less than the value given, following the sign is the limit of quantitation; the smallest amount of analyte which can be reliably determined by the analysis for the specific test.

> greater than

J estimated value; the result falls within the Method Detection Limit (MDL) and the limit of quantification (LOQ).

ppm parts per million; one part is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter, since one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results for soil and sludge samples reported on this heading have been adjusted for moisture content. This increases the analyte weight concentration to more closely approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

Lancaster Laboratories

1 COPY TO Cambria Environmental Attn: Bob Foss

Questions? Contact your Client Services Representative
Alison M O'Connor at (717) 656-2300.

Respectfully Submitted,

Victoria M. Martell
Chemist

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

MEMBER ACIL

Lancaster Laboratories
2425 New Holland Pike Rd, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defi[illegible] symbols and abbreviations used in reporting analytical data:

N.D.	none detected	BMOL	Below Minimum Quantitation Level
TNTC	too numerous to count	MPN	Most Probable Number
IU	International Units	CF Units	colony-forming units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meters	ul	microliter(s)

< less than the value following the sign is the limit of quantitation. The smallest amount of analyte which can be reliably measured using this specific test.

> greater than

J estimated value; result is less than the Limit of Quantitation (LOQ) but greater than or equal to the Method Detection Limit (MDL).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter (mg/l) as one million milliliters of water has a weight very close to one million grams. For gases or vapors, one ppm is equivalent to one milliliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results for soil samples reported on a dry weight basis have been adjusted for moisture content. This process removes the variable water content and allows us to accurately compare the value present in a similar sample every time. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is [illegible] CRDL but [illegible]
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analyte.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172064

B-1-S-16-031119 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-1
Collected:11/19/2003 10:09 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B1-16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 10:26	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 19:32	Marla S Lord	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:40	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:00	Dana M Kauffman	n.a.

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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	too numerous to count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-platinum units
umhos/cm	micromhos/cm	**NTU**	Nephelometric Turbidity Units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meters	**ul**	microliter(s)

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using the specific test.

> greater than

J estimated value. The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter, since one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results given for soil and other solids for heading have been adjusted for moisture content. This process increases the analyte weight concentration to reflect the value present in a similar sample without moisture. All other results are reported on an "as received" basis.

U.S. EPA CLP Data Qualifiers:

	Organic Qualifiers		Inorganic Qualifiers
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL but ≥IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined if used qualitatively	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172065

B-1-S-20.5-031119 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-1
Collected:11/19/2003 10:32 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B1205

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 11:04	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 20:03	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:42	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:01	Dana M Kauffman	n.a.

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Lancaster Laboratories
2425 New Holland Pike, Lancaster

Explanation of Symbols and Abbreviations

The following defines [illegible] abbreviations used in reporting [illegible] data:

N.D.	[illegible]	AMOL	Sufficient sample for [illegible] level
TNTC	Too [illegible]	MPN	Most Probable Number
IU	[illegible]	CP Units	[illegible]
umhos/cm	[illegible]	NTU	[illegible]
C	[illegible]	F	Degrees Fahrenheit
meq	[illegible]	lb	Pound
g	Gram	kg	Kilogram
ug	Microgram	mg	Milligram
ml	Milliliter	l	Liter
m3	Cubic meter	ul	Microliter

< Less than. Preceding a numerical value, this symbol indicates that the reported value is the limit of quantitation for the specific test.

> Greater than.

J Estimated value. The analyte was identified within the Method Detection Limit and the Limit of Quantitation (LOQ).

ppm Parts per million. Micrograms per gram are considered equivalent to one milligram per kilogram and are used for parts per million grams. For aqueous samples, the density of water is taken to be equivalent to milligrams per liter because one liter of water has a weight of approximately one kilogram. For gases or vapors, ppm is sometimes used to indicate microliters of gas per liter of gas.

ppb Parts per billion.

Dry weight basis Results for soil and sludge have been adjusted for moisture content. This adjustment expresses the analyte weight per unit weight of dry soil, the same basis value present in a similar sample that has been dried. Unless other results are reported [illegible]

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	P	Value is >CRDL, but <IDL.
B	Analyte was also detected in the blank	E	Estimated due to interference.
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met.
D	Compound quantitated on a diluted sample	N	Spiked sample not within control limits.
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation.
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected.
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits.
U	Compound was not detected.	*	Duplicate analysis not within control limits.
X,Y,Z	Defined in case narrative.	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed in the laboratories' accreditation scopes meet all requirements of NELAC unless otherwise noted under the individual analyses.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the samples tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper technique of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172066

B-1-S-30.5-031119 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-1
Collected:11/19/2003 10:44 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B1305

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 11:42	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 20:34	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:44	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:02	Dana M Kauffman	n.a.

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2425 New Holl[illegible] Lancaster, PA 17[illegible]

Explanation of Symbols and Abbreviations

The following defi[illegible] abbreviations used in report[illegible]

N.D.	[illegible]	BMQL	[illegible] level
TNTC	[illegible]	MPN	Most Probable Number
IU	[illegible]	CP Units	[illegible]
umhos/cm	[illegible]	NTU	[illegible]
C	[illegible]	F	[illegible]
meq	[illegible]	lb	[illegible]
g	[illegible]	kg	[illegible]
ug	[illegible]	mg	[illegible]
ml	[illegible]	l	[illegible]
m3	[illegible]	pt	[illegible]

< [illegible] the number following the sign is the limit of quantitation, the smallest amount of analyte which can be [illegible] in the specific test

> [illegible]

J [illegible] falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous solutions, one ppm is usually taken to be equivalent to milligrams per liter. For example, one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is frequently used to indicate the number of gas per liter of gas.

ppb parts per billion

Dry weight basis Results for soil and sediment samples have been adjusted for moisture content. These results reflect the analyte weight concentration that would be present in a similar sample which is completely dry. All other results are reported [illegible]

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol condensation product	B	Value is <CRDL, but ≥ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantified on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172067

B-1-S-50-031119 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-1
Collected:11/19/2003 14:00 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B1-50

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 12:19	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 21:05	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:46	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:03	Dana M Kauffman	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines [illegible] abbreviations used in report[illegible]

N.D.	[illegible]	BMQL	[illegible] Quantitation Level
TNTC	[illegible]	MPN	Most Probable Number
IU	[illegible]	CF	Colony-Forming Units
umhos/cm	micromhos per centimeter	NTU	[illegible]
C	degrees Celsius	F	[illegible]
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< less than the number following the sign is the limit of quantitation, the lowest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value. The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous solutions, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is equivalent to one milliliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results for soils under this heading have been adjusted for moisture content. This emphasizes the analyte weight concentration that would be present in a similar sample without moisture. All other results are reported on an "as received" basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is [illegible]
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was analyzed for but not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper technique for collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172068

B-2-S-15.5-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-2
Collected:11/20/2003 07:35 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B2155

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 02:58	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 21:36	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:48	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:24	Dana M Kauffman	n.a.

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Explanation of Symbols and Abbreviations

The following defined symbols and abbreviations are used in reporting analytical data:

N.D.	none detected	SMCL	Secondary Maximum Contaminant Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	Cobalt-platinum Units
umhos/cm	micromhos/cm	NTU	Nephelometric Turbidity Units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	ug	anal (ignored)
ml	milliliter	L	liter
m3	cubic meter(s)	ul	microliter

< less than the value following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using the specific test.

> greater than

J estimated value - the value falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, one ppm is usually taken to be equivalent to milligrams per liter (mg/l) because one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results, flagged under this heading have been adjusted for moisture content. This increases the analyte weight concentration to the value present in a similar sample without moisture. All other results are reported on a "wet weight" basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Interference is present
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post-digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172069

B-2-S-20.5-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-2
Collected:11/20/2003 07:38 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B2205

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 12:57	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 22:07	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:51	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:05	Dana M Kauffman	n.a.

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Lancaster Laboratories
2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting these analyses:

N.D.	none detected	MPN	Most Probable Number
TNTC	too numerous to count	CFU	colony-forming unit
RL	reporting limit	NTU	nephelometric turbidity unit
umhos/cm	micromhos/cm		organic carbon
C	degrees Celsius	lb.	pound
meq	milliequivalent	kg	Kilogram
g	gram	mg	milligram
ug	microgram	l	liter
ml	milliliter	ul	microliter
m3	cubic meter		

< less than; the number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using the specific test.

> greater than

J estimated value; the analyte was detected at a level that falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million; one part per million is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous samples, the density is usually taken to be equivalent to milligrams per liter (mg/l), since one liter of water has a weight of approximately one kilogram. For gases or vapors, one ppm is sometimes used to indicate one liter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results for solid samples that have been dried prior to analysis are reported on a dry weight basis. This means that the analyte weight contribution from moisture present in the sample is removed. This value present in a similar sample which has not been dried. Results are reported on a dry weight basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is < CRDL but ≥ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound identified on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for parameters listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in any chemical or microbiological analysis is the collection of the samples. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of this laboratory.

WARRANTY AND LIMITS OF LIABILITY: In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172070

B-2-S-31-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-2
Collected:11/20/2003 07:53 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B2-31

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 13:35	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 22:38	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:53	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:06	Dana M Kauffman	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defi[illegible] and abbreviations used in [illegible]

N.D.	[illegible]	BMQL	[illegible]
TNTC	[illegible]	MPN	[illegible]
ID	[illegible]	CP Units	[illegible]
umhos/cm	[illegible]	DF	[illegible]
C	[illegible]	F	[illegible]
meq	[illegible]	lb	[illegible]
g	[illegible]	kg	[illegible]
ug	[illegible]	mg	[illegible]
ml	[illegible]	L	[illegible]
m3	[illegible]	dl	[illegible]

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably measured using this specific test.

> greater than.

J estimated value. The result falls within the Method Detection Limit and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram, or one milligram per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter, because one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is sometimes taken to mean one liter of gas per liter of gas.

ppb parts per billion.

Dry weight basis Results qualified under this heading have been adjusted for moisture content. This compensates the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as received basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172071

B-2-S-41-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-2
Collected:11/20/2003 08:18 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B2-41

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 14:13	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 23:09	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:55	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:07	Dana M Kauffman	n.a.

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Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting analytical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-platinum color units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb**	pounds
g	grams	**kg**	kilograms
ug	micrograms	**mg**	milligrams
ml	milliliters	**l**	liters
m3	cubic meters	**ul**	microliters

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value - The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter (mg/l) because one liter of water has a weight very nearly equal to a kilogram. For gases or vapors, one ppm is approximately equivalent to one milliliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results reported under this heading have been adjusted for moisture content. This calculation gives the analyte weight concentration to approximate the value present in a similar sample without moisture. Solid matrix results are reported on a dry weight basis.

U.S. EPA CLP Data Qualifiers

Organics Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol condensation product	**B**	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*****	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	**+**	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172072

B-2-S-46-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-2
Collected:11/20/2003 08:48 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B2-46

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 14:50	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 23:40	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:57	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:08	Dana M Kauffman	n.a.

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Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines the symbols and abbreviations used in reporting your analytical results.

N.D.	none detected	**PMQL**	Practical Quantitation Limit
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-platinum units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pounds
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than. The number following the sign is the limit of quantitation, the smallest concentration of analyte which can be reliably determined using this specific test.

> greater than

J estimated value. The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one milliliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. We report this data to give the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL but >IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*****	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	**+**	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques or collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172073

B-3-S-15.5-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-3
Collected:11/20/2003 09:58 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B3155

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 05:30	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 00:12	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:58	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:09	Dana M Kauffman	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting laboratory data:

N.D.	none detected	BMQL	below method quantitation level
TNTC	too numerous to count	MPN	Most Probable Number
IU	international units	CP Units	cobalt-platinum color units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound
g	gram	kg	kilogram
ug	microgram	mg	milligram
ml	milliliter	l	liter
m3	cubic meter	ul	microliter

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value. The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram, or one gram per million grams. For aqueous samples, density is usually taken to be equivalent to milligrams per liter, since one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is usually related to one volume per million volumes of gas per liter of gas.

ppb parts per billion

Dry weight basis Results for samples that are reported on this basis have been adjusted for moisture content. Use of this basis increases the analyte weight concentration, thereby approximating the value present in a similar sample that is completely free of moisture. All other results are reported on a "wet weight" basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spiked sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172074

B-3-S-21-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-3
Collected:11/20/2003 10:00 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B3-21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 06:07	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 00:43	Marla S Lord	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:59	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:10	Dana M Kauffman	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting test results.

N.D.		BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	Cobalt-Platinum Units
umhos/cm	micromhos/cm	NTU	Nephelometric Turbidity Units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than.

J estimated value. The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For analytes in water, one ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is applied to the volume ratio of gas per liter of gas.

ppb parts per billion.

Dry weight basis Results for solid samples in this reading have been adjusted for moisture content. This corrects the analyte weight per unit weight to approximate the value present in a similar sample without moisture. All solid results are reported on a wet weight basis.

U.S. EPA CLP Data Qualifiers

Inorganic Qualifiers		Organic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL but >IDL
B	Analyte was also detected in the blank	C	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound identified on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

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Measurement uncertainty values, as applicable, are available upon request.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172075

B-3-S-30.5-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-3
Collected:11/20/2003 10:15 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B3305

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 06:45	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 01:14	Marla S Lord	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 18:02	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:11	Dana M Kauffman	n.a.

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Lancaster Laboratories
2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting laboratory data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	too numerous to count	MPN	Most Probable Number
IU	international units	CP Units	cobalt chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meters	ul	microliter(s)

< Less than the reporting limit following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably measured using this specific test.

> greater than

J Indicates that the result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one part per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter (mg/l) because one liter of water has a weight of approximately one kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results reported under this heading have been adjusted for moisture content. This procedure gives the analyte weight as it would appear from the value present in a similar sample without moisture. All other results are reported on an "as received" basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL but >IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172076

B-3-S-36-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-3
Collected:11/20/2003 10:23 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B3-36

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 07:23	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 01:45	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 18:03	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:12	Dana M Kauffman	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defi[illegible] and abbreviations are used in reporting Chemical data:

N.D.	[illegible]	BMQL	Below Minimum Quantitation Level
TNTC	[illegible]	MPN	Most Probable Number
IU	[illegible]	CP Units	[illegible]
umhos/cm		NTU	[illegible]
C	[illegible]	F	Degrees Fahrenheit
meq	[illegible]	lb	pound(s)
g	gram(s)	kg	kilogram(s)
ug	[illegible]	mg	milligram(s)
ml	[illegible]	L	liter(s)
m3	[illegible]	ul	microliter(s)

< less than. The number following this sign is the limit of quantitation (i.e. the smallest amount of analyte which can be [illegible] with specified precision.

> greater than.

J Estimated value. The result is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ).

ppm Parts per million. Results reported as ppm are equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm values are usually taken to be equivalent to milligrams per liter (mg/L) because one liter of water has a weight of approximately one kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb Parts per billion.

Dry weight basis Results for soil and sediment samples are reported on a dry weight basis unless otherwise noted. This adjusts the analyte weight to reflect the amount of analyte present in a similar sample without moisture. All other results are reported on an as received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	[illegible] aldol condensation product	B	Value is <CRDL, ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172077

B-4-S-10.5-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-4
Collected:11/20/2003 15:48 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:10
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B4105

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	10.	mg/kg	250

The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.

Poor surrogate recoveries were observed for this sample due to the dilution needed to perform the analysis.

Due to excessive foaming of the sample, normal reporting limits were not attained.

07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/02/2003 07:18	Deborah S Garrison	250
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 02:17	Marla S Lord	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 18:04	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:13	Dana M Kauffman	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following abbreviations and symbols are used in reporting laboratory data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	too numerous to count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-platinum color units
umhos/cm	micromhos/cm	NTU	Nephelometric Turbidity Units
C	degrees Celsius	lb	pound
meq	milliequivalent	kg	kilogram
g	gram	mg	milligram
ug	microgram	l	liter
ml	milliliter	ul	microliter
m3	cubic meter		

< Less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably measured using this specific test.

> greater than

J Estimated value. The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million. One milligram is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous samples, density is usually taken to be equivalent to milligrams per liter since one liter of water has a weight of approximately one kilogram. For gases or vapors, one ppm is sometimes used to mean one volume of gas per liter of gas.

ppb parts per billion

Dry weight basis Results for solid matrices reported on a dry weight basis have been adjusted for moisture content. Use of this calculation increases the analyte weight concentration relative to the value present in a similar sample without moisture. Therefore, when results are reported on a dry weight basis, they will usually be higher.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound identified in an analysis on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was analyzed for but not detected
P	Concentration >25% difference between primary and confirmation columns >25%	W	Post-digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172078

B-4-S-16-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-4
Collected:11/20/2003 15:53 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B4-16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 08:39	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 02:48	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 18:05	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:14	Dana M Kauffman	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting laboratory data:

N.D.	none detected	SMCL	Secondary Maximum Contaminant Level
TNTC	too numerous to count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-platinum color units
umhos/cm	micromhos/cm	NTU	Nephelometric Turbidity Units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound
g	gram	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter	l	liter
m3	cubic meter	ul	microliter

< less than. The number following the sign is the limit of quantitation, i.e., the smallest amount of analyte which can be reliably measured using this specific test.

> greater than

J estimated value - The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per liter of solution or one gram per million grams. For actual or apparent specific gravity is usually taken to be equivalent to milligrams per liter (mg/l) because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one milliliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results for soil and sludge solids reported under this heading have been adjusted for moisture content. Therefore, it represents the analyte weight concentration that would be present in a similar sample which had been completely dried. All other results are reported on an "as received" basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172079

B-4-S-20.5-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-4
Collected:11/20/2003 16:04 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B4205

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 09:31	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 03:19	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 18:07	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:15	Dana M Kauffman	n.a.

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Lancaster Laboratories
2425 New Holland Pike, Lancaster

Explanation of Symbols and Abbreviations

The following defines [illegible] abbreviations used to report [illegible] tests.

N.D.	[illegible]	RMQL	[illegible] Reporting Level
TNTC	[illegible]	MPN	[illegible]
IU	[illegible]	CP Units	[illegible]
umhos/cm	[illegible]	NTU	[illegible]
C	[illegible]	F	[illegible]
meq	[illegible]	lb.	[illegible]
g	[illegible]	kg	[illegible]
ug	[illegible]	mg	[illegible]
ml	[illegible]	l	[illegible]
m3	[illegible]	ul	[illegible]

< [illegible] the sign is the limit of quantitation, the smallest amount of analyte which can be reliably [illegible] using the specific test.

> [illegible]

J [illegible] falls within the Method Detection Limit [illegible] Limit of Quantitation (LOQ).

ppm [illegible] equivalent to one milligram per [illegible] parts per million grams. For aqueous samples, this is usually taken to be equivalent to milligrams per liter, because one liter of water has a weight [illegible] For gases or vapors, one ppm is one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results [illegible] this heading have been adjusted for moisture [illegible] the analyte weight [illegible] value present in a similar sample that has been dried. All other results are reported on [illegible]

U.S. EPA CLP Data Qualifiers

A	TIC is a possible aldol-condensation product	B	Value is [illegible]
B	Analyte was also detected in the blank	E	Estimated due to [illegible]
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound identified in an analysis at a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post-digestion spike [illegible] control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172080

B-4-S-30.5-031120 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-4
Collected:11/20/2003 16:22 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B4305

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 22:29	Deborah S Garrison	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/03/2003 15:29	Roy R Mellott Jr	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/03/2003 11:08	Joshua P Schaeffer	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:16	Dana M Kauffman	n.a.

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Lancaster Laboratories
2425 New Holland Pike, Lancaster, PA

Explanation of Symbols and Abbreviations

The following defines the symbols and abbreviations used in reporting analytical data:

N.D.	none detected	SMCL	Secondary Maximum Contaminant Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CF Units	colony forming units per milliliter
umhos/cm	micromhos per centimeter	NTU	Nephelometric Turbidity Units
C	degrees Celsius	%	percent by weight unless otherwise noted
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< less than the numerical value following the sign is the limit of quantitation. The smallest amount of analyte which can be quantitatively determined by the specific test.

> greater than

J estimated value. The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram. For solids, ppm is usually taken to be equivalent to milligrams per kilogram. One liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is usually taken to be equivalent to one milliliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results marked with this heading have been adjusted for moisture content. This is to express the analyte weight concentration in terms of the value present in a similar sample containing no moisture. Other results are reported on an "as received" basis.

U.S. EPA CLP Data Qualifiers

	Organics Qualifiers		Inorganic Qualifiers
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound identified on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172081

B-5-S-11-031121 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-5
Collected:11/21/2003 13:11 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B5-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 23:07	Deborah S Garrison	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 08:44	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/03/2003 21:47	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:17	Dana M Kauffman	n.a.

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Lancaster Laboratories
2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following symbols and abbreviations are used in reporting analytical results:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CF Units	Colonies Forming Units
umhos/cm	micromhos/cm	NTU	Nephelometric Turbidity Units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pounds
g	grams	kg	kilogram(s)
ug	micrograms	mg	milligram(s)
ml	milliliters	L	liter(s)
m3	cubic meters	ul	microliters

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J Estimated value. The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram or micrograms per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter, assuming one liter of water has a weight of one kilogram. For gases or vapors, ppm is equivalent to milliliters of gas per liter of gas.

ppb parts per billion

Dry weight basis The reported results for this heading have been adjusted for moisture content. Thus the analyte weight is corrected to estimate the value present in a similar sample containing no moisture. All other results are reported on an "as received" basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	Indicates that the result is a condensation product	B	Value is < CRDL but ≥ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantified on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172082

B-5-S-21-031121 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-5
Collected:11/21/2003 13:20 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B5-21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 23:45	Deborah S Garrison	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 09:15	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/03/2003 21:49	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:18	Dana M Kauffman	n.a.

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Explanation of Symbols and Abbreviations

The following defines the symbols and abbreviations used in reporting [illegible] Results:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	international units	**CP Units**	cobalt-platinum color units
umhos/cm	micromhos per cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pounds
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**neg**	negative
ml	milliliters	**l**	liter(s)
m3	cubic meters	**ul**	microliters

< less than - The numeric value following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using the specific test.

> greater than

J estimated value - The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One part per million equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is approximately one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. The purpose is to express the analyte weight concentration in approximately the value present in a similar sample without moisture. All other results are reported on an "as received" basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL but ≥IDL
B	Analyte was also detected in the blank	**E**	Reported value is estimated because of interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spiked sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post-digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172083

B-5-S-26-031121 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-5
Collected:11/21/2003 13:23 by MT Account Number: 10880

Submitted: 11/25/2003 10:05 ChevronTexaco
Reported: 12/09/2003 at 19:11 6001 Bollinger Canyon Rd L4310
Discard: 01/09/2004 San Ramon CA 94583

B5-26

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/02/2003 00:22	Deborah S Garrison	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 03:34	Anastasia Papadoplos	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/04/2003 02:16	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:19	Dana M Kauffman	n.a.

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Lancaster Laboratories
2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting laboratory data.

N.D.	none detected	**PMQL**	Practical Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CF Units**	colony forming units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value. The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l) because one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is sometimes interpreted to mean one milliliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results reported for this heading have been adjusted for moisture content. This adjustment reflects the analyte weight concentration as if no water were present, thus providing a value that is directly comparable to other soil samples which may contain different amounts of water. Unless otherwise noted, soil results are reported on an as received basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*****	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	**+**	Correlation coefficient for MSA <0.995

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172084

B-5-S-30.5-031121 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-5
Collected:11/21/2003 13:27 by MT Account Number: 10880

Submitted: 11/25/2003 10:05 ChevronTexaco
Reported: 12/09/2003 at 19:11 6001 Bollinger Canyon Rd L4310
Discard: 01/09/2004 San Ramon CA 94583

B5305

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/02/2003 01:00	Deborah S Garrison	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 04:52	Anastasia Papadoplos	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/04/2003 02:21	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:20	Dana M Kauffman	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines the symbols and abbreviations used in reporting analytical data:

N.D.		BMGL	
TNTC		MPN	
IU		CP Units	
umhos/cm		NTU	
C		F	
meq		lb	
g		kg	
ug		ng	
ml		l	
m3		ul	

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably measured using the specific test.

> greater than.

J estimated value. The result falls within the Method Detection Limit and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, 1 ppm is usually taken to be equivalent to milligrams per liter (mg/l) because one liter of water has a mass very close to a kilogram. For gases or vapors, one ppm is usually taken to mean one milliliter of gas per liter of gas.

ppb parts per billion.

Dry weight basis Results provided under this heading have been adjusted for moisture content. All solid results measure the analyte weight per dry weight unit to eliminate the value present in a similar sample with a different moisture content. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol condensation product	B	Value is <CRDL but >IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not analyzed
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172085

B-6-S-11-031121 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-6
Collected:11/21/2003 14:20 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B6-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/02/2003 01:38	Deborah S Garrison	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 05:18	Anastasia Papadoplos	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/04/2003 02:23	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:21	Dana M Kauffman	n.a.

Lancaster Laboratories
2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting laboratory data:

N.D.	not detected	BMQL	below minimum quantitation level
TNTC	too numerous to count	MPN	Most Probable Number
IU	international units	CP Units	cobalt-platinum units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using the specific test.

> greater than

J estimated value. The amount falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million. Unless otherwise noted, ppm is equivalent to one milligram per kilogram (mg/kg) and is used for one part per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter (mg/l), since one liter of water has a mass of very nearly one million grams. For gases or vapors, ppm is equivalent to the volume of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This adjustment increases the analyte weight concentration to a value representative of the value present in a similar sample of bone-dry material. All other results are reported on an "as received" basis.

U.S. EPA CLP Data Qualifiers:

Organics Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	+	Value is > CRDL but < IDL
B	Analyte was also detected in the blank	B	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY: In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172086

B-6-S-21-031121 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-6
Collected:11/21/2003 14:27 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B6-21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/04/2003 13:48	Martha L Seidel	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 05:44	Anastasia Papadoplos	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/04/2003 02:25	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:22	Dana M Kauffman	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following abbreviations and symbols are often used in reporting analytical data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	too numerous to count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-platinum units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meters	ul	microliter(s)

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using the specific test.

> greater than

J estimated value. The result is greater than the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquid samples, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is equivalent to one cc/liter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results reported with this heading have been adjusted for moisture content. This increases the analyte weight concentration to reflect the value present in a similar sample without moisture. All other results are reported on an as received basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound identified on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. SW 4172087

B-6-S-31-031121 NA Soil
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-6
Collected:11/21/2003 14:40 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B6-31

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/04/2003 14:25	Martha L Seidel	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 06:10	Anastasia Papadoplos	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/04/2003 03:05	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:23	Dana M Kauffman	n.a.

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Lancaster Laboratories
2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines the symbols and abbreviations used in reporting analytical data:

N.D.	none detected	BMQL	below minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CF Units	colony forming units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meters	ul	microliter(s)

< result is less than the reporting limit, which is the limit of quantitation (LOQ). It is the smallest amount of analyte which can be reliably measured using this specific test.

> greater than

J estimated value; the analyte is present within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million. Usually reported as an equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight of approximately one kilogram. For gases or vapors, one ppm is sufficient to one microliter of gas per liter of gas.

ppb parts per billion. Usually reported as ug/l or ug/kg.

Dry weight basis Results for soil samples have been adjusted for moisture content. This increases the analyte weight concentration to the equivalent dry value present in a similar sample without moisture. All other results are reported on an as received basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is > IDL, but < PQL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound identified on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for the methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4172088

B-1-W-45-031120 Grab Water
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-1
Collected:11/20/2003 00:00 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B1-45

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	9.	0.5	ug/l	1
05401	Benzene	71-43-2	1.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.
State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/28/2003 13:01	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/01/2003 23:24	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2003 13:01	Steven A Skiles	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/01/2003 23:24	Elizabeth M Taylor	n.a.

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Lancaster Laboratories
2425 New Holland Pike, Lancaster

Explanation of Symbols and Abbreviations

The following defines [illegible] used in reporting [illegible].

N.D.	[illegible]	SMCL	[illegible] Level
TNTC	[illegible]	MPN	[illegible] Number
IU	[illegible]	CP Units	[illegible]
umhos/cm	[illegible]	NTU	[illegible]
C	[illegible]	F	[illegible]
meq	[illegible]	lb.	[illegible]
g	[illegible]	kg	[illegible]
ug	[illegible]	mg	[illegible]
ml	[illegible]	l	[illegible]
m3	[illegible]	ul	[illegible]

< less than the [illegible] reporting limit. The sign is the limit of known [illegible] for that substance and or analyte which can be [illegible] by the [illegible] test.

> greater than [illegible]

J estimated value [illegible] falls within the Method Detection Limit (MDL) and [illegible] Limit of Quantitation (LOQ).

ppm parts per million. [illegible] equivalent to one milligram per kilogram. [illegible] parts per million grams. For aqueous [illegible] ppm is [illegible] taken to be equivalent to milligrams per liter (mg/l), [illegible] one liter of water has a weight [illegible] grams. For gases or vapors, one ppm is equivalent to one milliliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results [illegible] have been adjusted for the [illegible] content. This [illegible] the analyte weight [illegible] to [illegible] the value present in a sample [illegible] dried to constant weight. All other results are reported [illegible].

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound identified in an analysis of a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4172089

B-2-W-45-031120 Grab Water
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-2
Collected:11/20/2003 00:00 by MT Account Number: 10880

Submitted: 11/25/2003 10:05 ChevronTexaco
Reported: 12/09/2003 at 19:11 6001 Bollinger Canyon Rd L4310
Discard: 01/09/2004 San Ramon CA 94583

B2-45

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	13.	0.5	ug/l	1
05401	Benzene	71-43-2	3.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.8	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.
State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/28/2003 14:45	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/01/2003 23:46	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2003 14:45	Steven A Skiles	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/01/2003 23:46	Elizabeth M Taylor	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting laboratory results.

N.D.	none detected	BMQL	below minimum quantitation level
TNTC	too numerous to count	MPN	Most Probable Number
IU	International Units	CF Units	colonies per unit of measure
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	ul	microliter(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	cl	centiliter(s)

< less than the limit of quantitation; the number following the sign is the limit of quantitation (LOQ), the smallest amount of analyte which can be reliably measured using this specific test.

> greater than

J estimated value; the result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million; ppm is equivalent to one milligram per kilogram, one microgram per gram or one part per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter, since one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is equivalent to one milliliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results flagged with this heading have been adjusted for moisture content. This is done because the analyte weight contribution may be greater or less than the value present in a similar sample which contains moisture, and other results are reported on a wet weight basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	value is <CRDL but >IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post-digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for all methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the samples tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4172090

B-3-W-55-031120 Grab Water
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-3
Collected:11/20/2003 00:00 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B3-55

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.
State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/28/2003 15:22	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/02/2003 00:09	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2003 15:22	Steven A Skiles	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/02/2003 00:09	Elizabeth M Taylor	n.a.

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2425 New Holland Pike, Lancaster, PA

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting analytical data:

N.D.	none detected	BMQL	below minimum quantitation level
TNTC	too numerous to count	MPN	most probable number
IU	international units	CP Units	cobalt-platinum color units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound
g	gram	kg	kilogram
ug	microgram	mg	milligram
ml	milliliter	l	liter
m3	cubic meter	ul	microliter

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using the specific test.

> greater than

J estimated value. The result is less than the Limit of Quantitation (LOQ) but greater than or equal to the Method Detection Limit (MDL).

ppm parts per million. One part per million is equivalent to one milligram per kilogram, one gram per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter, because one liter of water has a weight very close to one kilogram. For gases or vapors, one part per million is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results reported under this heading have been adjusted for moisture content. This value expresses the analyte weight concentration as it would be if the sample were completely dry. All other results are reported on an "as received" basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post-digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper technique of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4172091

B-4-W-36-031120 Grab Water
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-4
Collected:11/20/2003 00:00 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B4-36

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.
State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/28/2003 15:59	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/02/2003 00:31	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2003 15:59	Steven A Skiles	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/02/2003 00:31	Elizabeth M Taylor	n.a.

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Explanation of Symbols and Abbreviations

The following defi[illegible] abbreviations used in reporting analytical results:

N.D.	[illegible]	PMQL	Practical Quantitation Level
TNTC	[illegible]	MPN	Most Probable Number
IU	[illegible]	CP Units	[illegible]
umhos/cm	[illegible]	NTU	[illegible]
C	[illegible]	F	[illegible]
meq	[illegible]	lb	[illegible]
g	[illegible]	kg	[illegible]
ug	[illegible]	mg	[illegible]
ml	[illegible]	l	[illegible]
m3	[illegible]	ul	[illegible]

< less than. Preceding the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than.

J estimated value. The result falls within the Method Detection Limit (MDL) and the limit of quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram of sample or one part per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter, since a liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is sometimes equivalent to one milliliter of gas per liter of gas.

ppb parts per billion.

Dry weight basis Results printed for this heading have been adjusted for moisture content. This is to compensate the analyte weight contribution that is due to the water present in a similar sample without moisture. Whether results are reported on a wet or dry weight basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a suspected aldol-condensation product	B	Value is [illegible]
B	Analyte was also detected in the blank	E	[illegible]
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike [illegible] control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, for applicable, are available upon request.

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Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 4172092

B-5-W-31-031120 Grab Water
Facility# 93283 CETR
3005 Grove, Castro Valley NA B-5
Collected:11/20/2003 00:00 by MT

Account Number: 10880

Submitted: 11/25/2003 10:05
Reported: 12/09/2003 at 19:11
Discard: 01/09/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

B5-31

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group.
State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/28/2003 16:36	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/02/2003 00:54	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2003 16:36	Steven A Skiles	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/02/2003 00:54	Elizabeth M Taylor	n.a.

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2425 New Holland Pike, Lancaster, PA 17601

Explanation of Symbols and Abbreviations

The following de[illegible] used to report [illegible]

N.D.	[illegible]	SS(%)	[illegible]
TNTC	[illegible]	MPN	[illegible]
IU	[illegible]	CP Units	[illegible]
umhos/cm	[illegible]	NTU	[illegible]
C	[illegible]	F	[illegible]
meq	[illegible]	lb	[illegible]
g	[illegible]	kg	[illegible]
ug	[illegible]	ug	[illegible]
ml	[illegible]	l	[illegible]
m3	[illegible]	ul	[illegible]

< [illegible] following the sign is the limit of quantitation. It is the smallest amount of analyte which can be [illegible] for this specific test.

> [illegible]

J [illegible] the result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One milligram is equivalent to one milligram per kilogram or parts per million grams. For aqueous solutions, ppm is usually taken to be equivalent to milligrams per liter because one liter of water has a weight very close to a kilogram. For gases or vapors, one part per million part is one unit volume per million units of gas per liter of gas.

ppb parts per billion

Dry weight basis [illegible] reported on a dry weight basis have been adjusted for moisture content. This practice increases the analyte weight concentration to more closely approximate the value present in a similar sample prior to drying. All other results are reported [illegible]

U.S. EPA CLP Lab [illegible]

	Organic Qualifiers		Inorganic Qualifiers
A	[illegible]	B	[illegible]
B	[illegible]	E	[illegible]
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical [illegible] in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques or containers for collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of this laboratory.

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Lancaster Laboratories

Quality Control Summary

Client Name: ChevronTexaco Group Number: 876323
Reported: 12/09/03 at 07:11 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 03329A33B	Sample number(s): 4172064-4172067,4172069-4172072							
TPH-GRO - Soils	N.D.	1.0	mg/kg	97		62-128		
Batch number: 03329A53B	Sample number(s): 4172088-4172092							
TPH-GRO - Waters	N.D.	50.	ug/l	92	91	70-130	1	30
Batch number: 03334A33A	Sample number(s): 4172068,4172073-4172076,4172078-4172085							
TPH-GRO - Soils	N.D.	1.0	mg/kg	81		62-128		
Batch number: 03334A33B	Sample number(s): 4172077							
TPH-GRO - Soils	N.D.	1.0	mg/kg	81		62-128		
Batch number: 03338A34A	Sample number(s): 4172086-4172087							
TPH-GRO - Soils	N.D.	0.9	mg/kg	95		62-128		
Batch number: D033301AB	Sample number(s): 4172064-4172079							
Methyl Tertiary Butyl Ether	N.D.	1.	ug/kg	115		75-125		
Benzene	N.D.	1.	ug/kg	109		83-118		
Toluene	N.D.	1.	ug/kg	98		81-116		
Ethylbenzene	N.D.	1.	ug/kg	102		82-115		
Xylene (Total)	N.D.	1.	ug/kg	104		82-117		
Batch number: D033351AB	Sample number(s): 4172080							
Methyl Tertiary Butyl Ether	N.D.	1.	ug/kg	114		75-125		
Benzene	N.D.	1.	ug/kg	113		83-118		
Toluene	N.D.	1.	ug/kg	99		81-116		
Ethylbenzene	N.D.	1.	ug/kg	102		82-115		
Xylene (Total)	N.D.	1.	ug/kg	103		82-117		
Batch number: D033371AB	Sample number(s): 4172081-4172082							
Methyl Tertiary Butyl Ether	N.D.	1.	ug/kg	99		75-125		
Benzene	N.D.	1.	ug/kg	102		83-118		
Toluene	N.D.	1.	ug/kg	105		81-116		
Ethylbenzene	N.D.	1.	ug/kg	106		82-115		
Xylene (Total)	N.D.	1.	ug/kg	106		82-117		
Batch number: P033352AA	Sample number(s): 4172088-4172092							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	94		77-127		
Benzene	N.D.	0.5	ug/l	95		85-117		
Toluene	N.D.	0.5	ug/l	94		85-115		
Ethylbenzene	N.D.	0.5	ug/l	94		82-119		
Xylene (Total)	N.D.	0.5	ug/l	100		84-120		
Batch number: X033381AA	Sample number(s): 4172083-4172087							
Methyl Tertiary Butyl Ether	N.D.	1.	ug/kg	110		75-125		
Benzene	N.D.	1.	ug/kg	108		83-118		
Toluene	N.D.	1.	ug/kg	111		81-116		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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2425 New Holland Pike, Lancaster

Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting analytical data:

N.D.	none detected at the reporting limit	RMCL	Regulatory Maximum Contaminant Level
TNTC	too numerous to count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-platinum color units
umhos/cm	micromhos per centimeter	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb	pound
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using the specific test.

> greater than

J estimated value. The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One milligram is equivalent to one milligram per kilogram (mg/kg) or one microgram per million grams. For aqueous samples, the density is usually taken to be equivalent to milligrams per liter, i.e., one liter of water has a weight nearly equal to one kilogram. For gases or vapors, one ppm is equivalent to one cubic meter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results for soil samples have been adjusted for moisture content. This increases the analyte weight concentration to the approximate level of the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP data flag values:

	organic qualifiers		inorganic qualifiers
A	TIC is a possible aldol condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated, due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories

Quality Control Summary

Client Name: ChevronTexaco Group Number: 876323
Reported: 12/09/03 at 07:11 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethylbenzene	N.D.	1.	ug/kg	108		82-115		
Xylene (Total)	N.D.	1.	ug/kg	106		82-117		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 03329A33B	Sample number(s): 4172064-4172067,4172069-4172072								
TPH-GRO - Soils	85	81	39-118	4	30				
Batch number: 03329A53B	Sample number(s): 4172088-4172092								
TPH-GRO - Waters	108		63-154						
Batch number: 03334A33A	Sample number(s): 4172068,4172073-4172076,4172078-4172085								
TPH-GRO - Soils	68	74	39-118	8	30				
Batch number: 03334A33B	Sample number(s): 4172077								
TPH-GRO - Soils	68	74	39-118	8	30				
Batch number: 03338A34A	Sample number(s): 4172086-4172087								
TPH-GRO - Soils	79	77	39-118	3	30				
Batch number: D033301AB	Sample number(s): 4172064-4172079								
Methyl Tertiary Butyl Ether	101	103	57-136	4	30				
Benzene	92	94	52-141	5	30				
Toluene	82	85	53-137	6	30				
Ethylbenzene	83	89	50-136	8	30				
Xylene (Total)	87	91	47-139	6	30				
Batch number: D033351AB	Sample number(s): 4172080								
Methyl Tertiary Butyl Ether	114	114	57-136	0	30				
Benzene	103	103	52-141	0	30				
Toluene	91	92	53-137	1	30				
Ethylbenzene	94	95	50-136	1	30				
Xylene (Total)	96	96	47-139	0	30				
Batch number: D033371AB	Sample number(s): 4172081-4172082								
Methyl Tertiary Butyl Ether	94	96	57-136	1	30				
Benzene	99	94	52-141	5	30				
Toluene	99	94	53-137	6	30				
Ethylbenzene	98	94	50-136	5	30				
Xylene (Total)	97	93	47-139	5	30				
Batch number: P033352AA	Sample number(s): 4172088-4172092								

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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Explanation of Symbols and Abbreviations

The following defines the symbols and abbreviations used in reporting analytical results:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-platinum units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value. The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one mg per gram or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l) because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one milliliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results found under this heading have been adjusted for moisture content. This expresses the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

	Organic Qualifiers		Inorganic Qualifiers
A	TIC is a possible aldol-condensation product	**B**	Value is <CRDL, but ≥ IDL
B	Analyte was also detected in the blank	**E**	Estimated due to interference
C	Pesticide result confirmed by GC/MS	**M**	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	**N**	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	**S**	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	**U**	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	**W**	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Quality Control Summary

Client Name: ChevronTexaco
Group Number: 876323
Reported: 12/09/03 at 07:11 PM

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Methyl Tertiary Butyl Ether	94	94	69-134	0	30				
Benzene	102	100	83-128	1	30				
Toluene	101	102	83-127	1	30				
Ethylbenzene	99	101	82-129	2	30				
Xylene (Total)	104	106	82-130	1	30				
Batch number: X033381AA	Sample number(s): 4172083-4172087								
Methyl Tertiary Butyl Ether	102	89	57-136	14	30				
Benzene	106	105	52-141	1	30				
Toluene	109	106	53-137	4	30				
Ethylbenzene	106	104	50-136	2	30				
Xylene (Total)	105	101	47-139	4	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Soils
Batch number: 03329A33B

	Trifluorotoluene-F
4172064	76
4172065	85
4172066	90
4172067	84
4172069	82
4172070	86
4172071	91
4172072	94
Blank	94
LCS	90
MS	85
MSD	84
Limits:	71-122

Analysis Name: TPH-GRO - Waters
Batch number: 03329A53B

	Trifluorotoluene-F
4172088	82
4172089	79
4172090	79
4172091	79
4172092	80
Blank	76

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting analytical data.

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-platinum units
umhos/cm	micromhos/cm	FTU	formazin turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< Less than. The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value. The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Sample results for this heading have been adjusted for moisture content. This enhances the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is < CRDL but ≥ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantified on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 876323
Reported: 12/09/03 at 07:11 PM

Surrogate Quality Control

LCS	85
LCSD	87
MS	96

Limits: 57-146

Analysis Name: TPH-GRO - Soils
Batch number: 03334A33A
Trifluorotoluene-F

4172068	79
4172073	81
4172074	82
4172075	80
4172076	86
4172078	88
4172079	85
4172080	81
4172081	76
4172082	79
4172083	79
4172084	73
4172085	74
Blank	92
LCS	84
MS	78
MSD	77

Limits: 71-122

Analysis Name: TPH-GRO - Soils
Batch number: 03334A33B
Trifluorotoluene-F

4172077	11*
Blank	90
LCS	84
MS	78
MSD	77

Limits: 71-122

Analysis Name: TPH-GRO - Soils
Batch number: 03338A34A
Trifluorotoluene-F

4172086	95
4172087	97
Blank	106
LCS	103
MS	92

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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Explanation of Symbols and Abbreviations

The following defi[illegible] and abbreviations used in report[illegible]:

N.D.	[illegible]	BMQL	[illegible] level
TNTC	[illegible]	MPN	[illegible]
IU	[illegible]	CP Units	[illegible]
umhos/cm	[illegible]	NTU	[illegible]
C	[illegible]	F	[illegible]
meq	[illegible]	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	[illegible]	mg	milligram(s)
ml	[illegible]	l	liter(s)
m3	[illegible]	ul	[illegible]

< less than. The number following the sign is the limit of quantitation, the smallest concentration of analyte which can be reliably measured by this specific test.

> greater than.

J estimated value. The result falls within the Method Detection Limit (MDL) and the Limit of Quantitation (LOQ).

ppm parts per million. Results are equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous samples, ppm is traditionally taken to be equivalent to milligrams per liter (mg/l) because one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is equivalent to one milliliter of gas per liter of gas.

ppb parts per billion.

Dry weight basis Results for this analysis or test reporting have been adjusted for moisture content. The moisture and analyte weight percentages are calculated using the value present in a similar sample which has been dried. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Quality Control Summary

Client Name: ChevronTexaco
Group Number: 876323
Reported: 12/09/03 at 07:11 PM

Surrogate Quality Control

MSD 94

Limits: 71-122

Analysis Name: BTEX+MTBE by 8260B
Batch number: D033301AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4172064	96	84	81	85
4172065	96	82	82	85
4172066	96	84	81	84
4172067	97	85	81	84
4172068	97	82	82	84
4172069	96	81	80	83
4172070	97	83	81	85
4172071	98	82	83	85
4172072	98	82	81	84
4172073	98	84	82	85
4172074	97	83	81	83
4172075	96	82	82	83
4172076	99	85	80	84
4172077	97	84	81	84
4172078	97	83	81	83
4172079	97	83	82	84
Blank	94	86	81	85
LCS	95	84	84	88
MS	95	89	84	88
MSD	95	85	85	88
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+MTBE by 8260B
Batch number: D033351AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4172080	86	82	87	79
Blank	86	81	85	79
LCS	91	85	83	88
MS	92	86	84	89
MSD	93	85	84	90
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+MTBE by 8260B
Batch number: D033371AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4172081	88	81	86	78
4172082	88	80	86	77
Blank	86	84	95	73
LCS	84	83	89	82

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting laboratory data.

N.D.	none detected	BMQL	below minimum quantitation level
TNTC	too numerous to count	MPN	most probable number
lu	light units	CP Units	cobalt-platinum units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter	l	liter(s)
m3	cubic meters	ul	microliter(s)

< less than. The number following the sign is the limit of quantitation; the smallest amount of analyte which can be reliably determined using the specific test.

> greater than

J estimated value. The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million. This unit is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous samples, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a mass of very close to one kilogram. For gases or vapors, one ppm is one unit volume of gas per million volume of gas or liter of gas.

ppb parts per billion

Dry weight basis Results for parameters listed under this heading have been adjusted for moisture content. This is to reduce the analyte weight variability due to moisture content and more closely approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

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Lancaster Laboratories

Quality Control Summary

Client Name: ChevronTexaco Group Number: 876323
Reported: 12/09/03 at 07:11 PM

Surrogate Quality Control

MS	86	85	89	80
MSD	86	83	89	80
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+MTBE by 8260B
Batch number: P033352AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4172088	93	92	98	88
4172089	93	93	98	86
4172090	92	93	97	86
4172091	92	94	98	88
4172092	93	92	98	86
Blank	94	93	98	88
LCS	96	93	96	89
MS	96	95	99	90
MSD	95	93	98	88
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: X033381AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4172083	97	93	101	93
4172084	100	91	99	92
4172085	97	90	100	91
4172086	96	89	100	90
4172087	96	90	100	91
Blank	98	92	100	93
LCS	97	99	99	96
MS	96	89	101	97
MSD	95	90	101	94
Limits:	70-129	70-121	70-130	70-128

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

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Explanation of Symbols and Abbreviations

The following defines certain symbols and abbreviations used in reporting laboratory data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-platinum color units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius (centigrade)	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< less than. The number following the sign is the limit of quantitation, the smallest concentration of analyte which can be reliably determined using the specific test.

> greater than

J estimated value; value is greater than the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ).

ppm parts per million. One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous samples, one ppm is usually taken to be equivalent to milligrams per liter (mg/l) because one liter of water has a weight very close to one kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results for soil samples, unless otherwise reading have been adjusted for moisture content. This procedure gives the analyte weight content as it would exist if the sample were completely dry. All other results are reported on an "as received" basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
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ATTACHMENT C

Drilling Permit

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD, CA. 94544-1395
PHONE (510) 670-6633 James Yoo FAX (510) 782-1939

PERMIT NO. W03-1016

WATER RESOURCES SECTION
GROUNDWATER PROTECTION ORDINANCE
B#1-GENERAL CONDITIONS: GEOTECHNICAL & CONTAMINATION BOREHOLES

1. Prior to any drilling activities shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that Federal, State, County or to the City and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained.

2. Boreholes shall not be left open for a period of more than **24 hours**. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All borcholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permitte, permittee's, contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statues regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on-or off site storm sewers, dry wells, or waterways or be allowed to move off the property where wok is being completed.

4. Permit is valid only for the purpose specified herein **November 19 to November 20, 2003**. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

5. Drilling Permit(s) can be voided/ canceled only in writing. It is the applicants responsibilities to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

6. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.